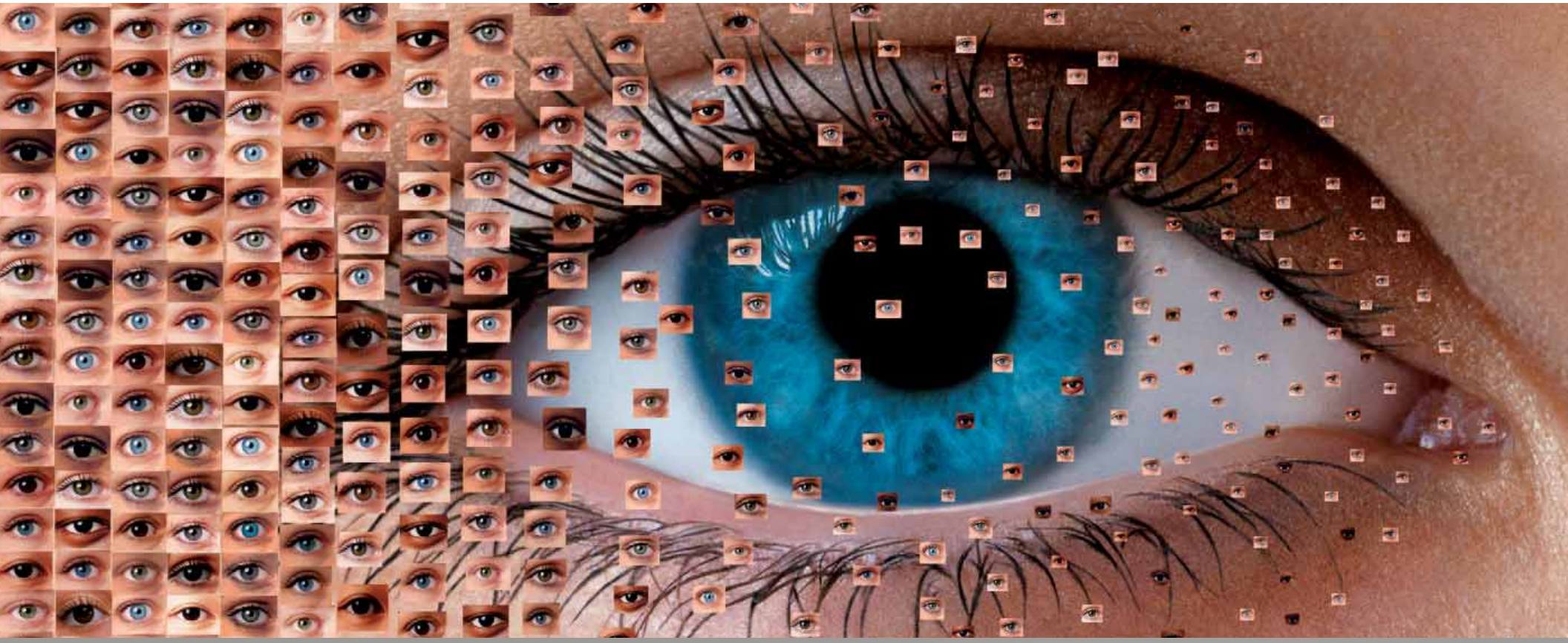
Pioneer sound.vision.soul



SEE

High Definition Plasma by Pioneer.

When depth invites you to dive right in ...

It is time to see ... more details. Time to be amazed. Time to discover possibilities beyond your imagination.

Enter a revolutionary world of audio and visual entertainment with Pioneer's 6th generation Plasma TVs: the **PURE Vision Black** series. Certified **'HD ready'**, these Plasma TVs accurately display signals from a wide variety of high definition sources. You'll also enjoy **digital TV** and radio thanks to the digital multimedia receiver.

Images are portrayed with outstanding depth and dimension, made possible by unique Pioneer technologies, such as the **PUREBLACK Crystal Layer** — black tone reproduction is truly remarkable. Picture quality is further enhanced by **PURE Drive 2^{HD}** digital video processing, incorporating the latest developments to optimise every visual on the plasma panel. Images are clearer, smoother, sharper and more realistic than ever before.

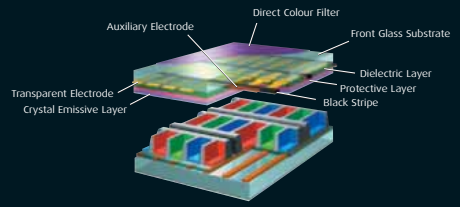
It is time to see ... the difference.

When black plunges to the darkest depths ...

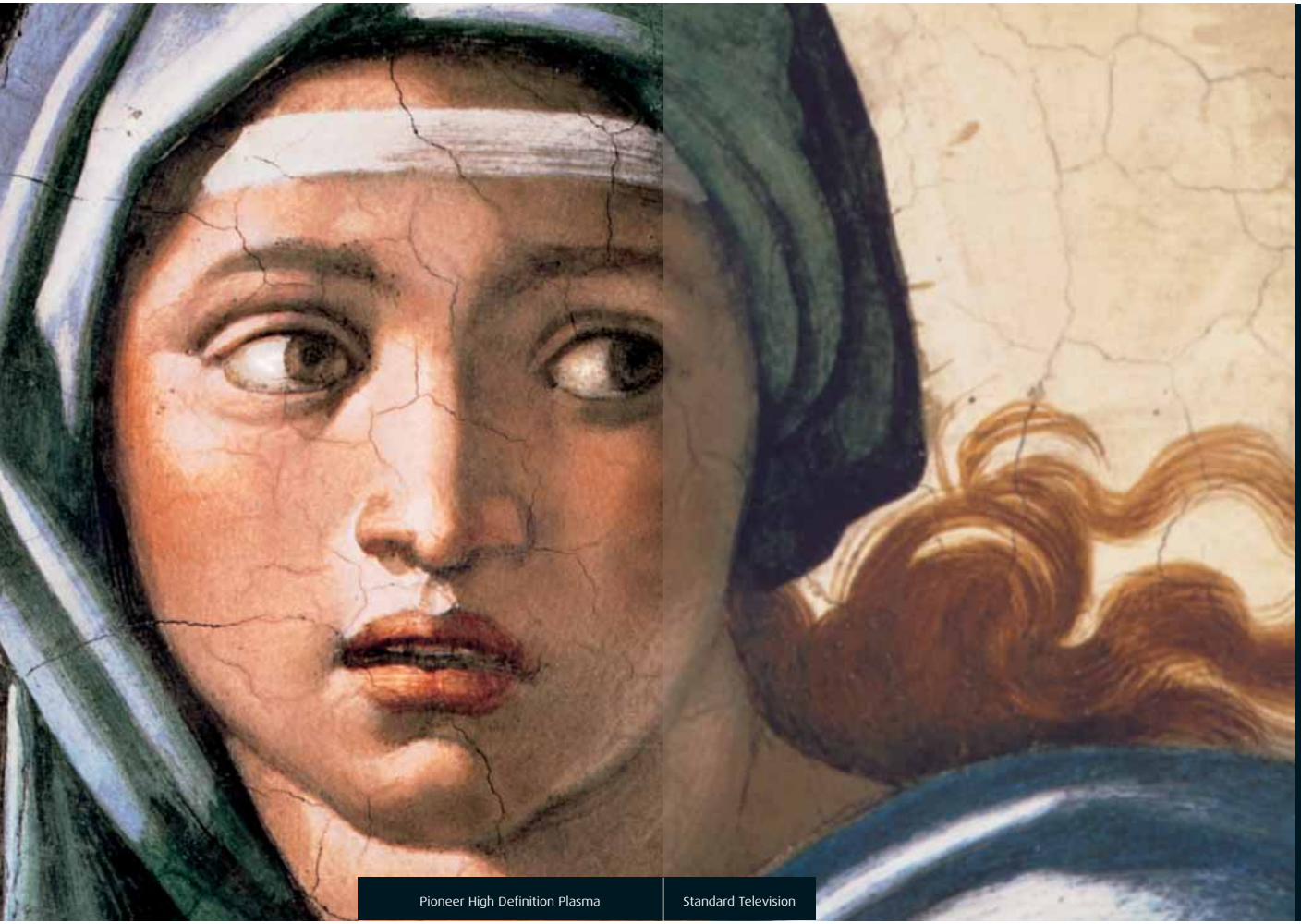
Pioneer High Definition Plasma | Standard Television

PUREBLACK
Crystal Layer

For a tremendous advancement in black tone reproduction: Pioneer's unique **PUREBLACK Crystal Layer** reproduces an entire colour palette right before your eyes. This Crystal Emissive Layer enhances sharpness and contrast in darker picture areas — like in shadowy and night scenes — and reproduces a wider range of black tones, up to the purest black. Further advantages: it boosts overall brightness and contributes to energy efficiency.



When colours reveal their every shade ...



Pioneer High Definition Plasma | Standard Television

Direct Colour Filter

i-CLEAR Drive

Colour Adjustment

For bold colour reproduction: Enjoy minimum reflection and maximum colour with Pioneer's unique **Direct Colour Filter**, a film-type filter which is attached directly onto the front of the plasma panel. It significantly reduces reflection from outside light as well as reflection from the panel itself. This helps to improve contrast in bright environments.

For natural colour transitions: Pioneer's quest for image perfection has resulted in **i-CLEAR Drive**. This intelligent technology analyses pictures and then automatically optimises colour gradation and brightness levels on-screen. New multi-bit processing increases the range of gradation levels, so more colours can be reproduced. Darker picture areas are especially enhanced so there is even more detail to discover.

For vivid and realistic colours: With colour adjustment settings, you can easily adapt the colour to your own taste. White tones can be fine-tuned with the **Colour Temperature** setting, resulting in an optimal white balance. **Colour Management** allows you to individually adjust a colour without affecting adjacent colours. **Digital CTI** (Colour Transient Improvement) brings the edges of coloured images into sharp relief, so pictures are clear and distinct.

When sharpness brings out every last detail ...

Pioneer High Definition Plasma | Standard Television

Noise Reduction

Dynamic HD Converter

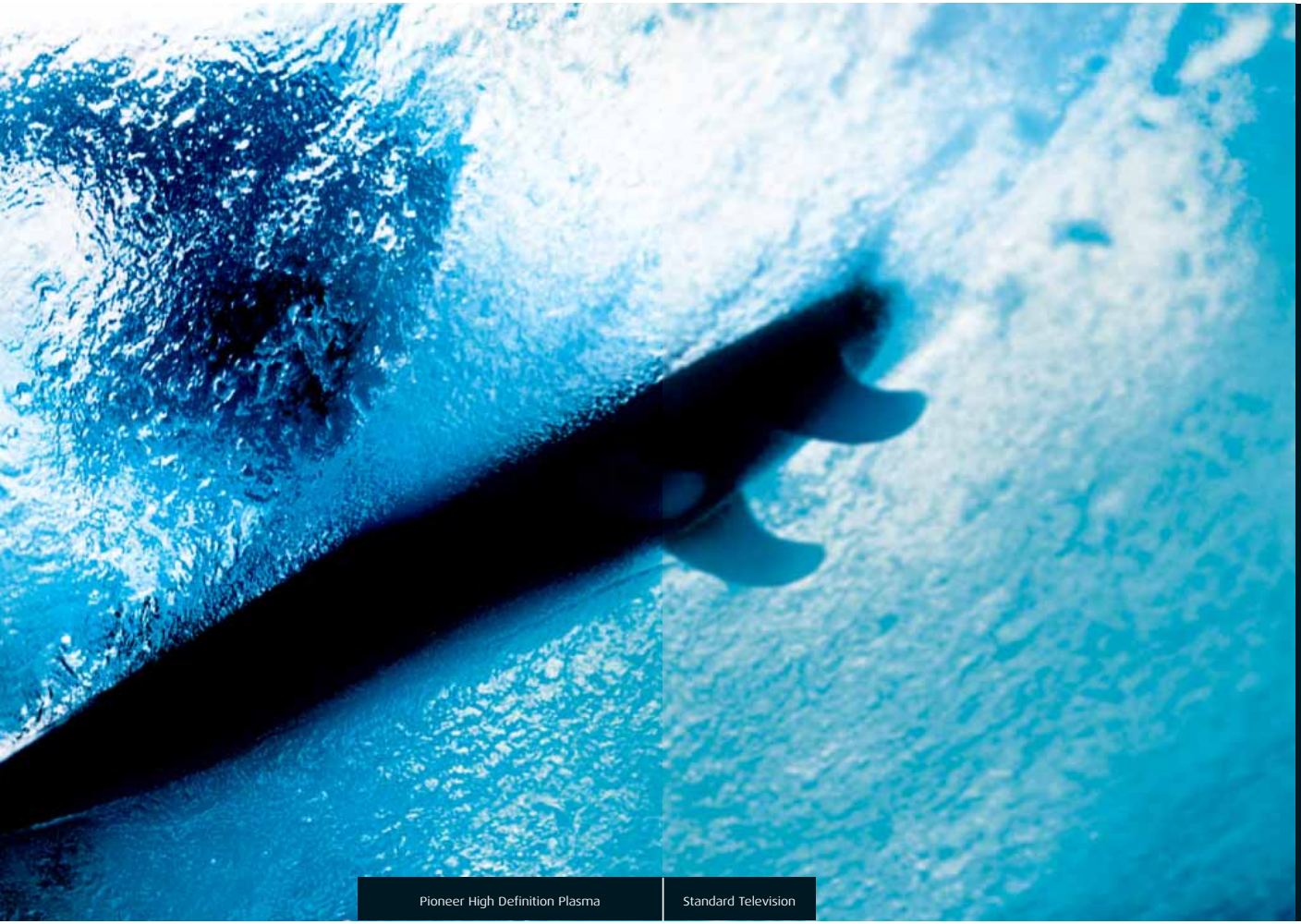
Active Dynamic Range Expander

For clear, noise-free images: **Digital Noise Reduction** minimises picture noise, reproducing images true to the original. **MPEG Noise Reduction** reduces mosquito noise without losing detail, useful when viewing DVDs or digital TV channels. When watching analogue TV, **Tuner Noise Reduction** automatically adapts the noise reduction level to the signal strength. **3D Y/C Separation filter** for PAL TV optimally separates the brightness (Y) and colour (C), so no colour artefacts occur. The result is drastically improved picture quality, without disturbing noise.

For a smooth picture reproduction: **Dynamic HD Converter** scans the 84 surrounding pixels, then optimises each pixel individually. The effect: pictures are clearer, sharper and smoother.

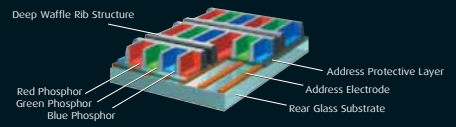
For sharp and rich-in-contrast pictures: **Active Dynamic Range Expander** is at work behind the scenes to enhance light and dark areas. After making a dynamic analysis of the complete image, smart technologies continuously adjust the picture according to its characteristics. You will notice a marked improvement in the contrast and a sharper presentation — with more details in dark picture areas.

When brightness shines with radiant power ...



deep waffle rib

For full-on colour intensity: Thanks to the panel's **Deep Waffle Rib** structure, plasma cells are encapsulated on all sides so that emitted light cannot leak into neighbouring cells, dispersing their brightness. Images remain at their most intense at all times, offering a level of brightness unseen before.



... then you know you're seeing the future.

Certified **'HD ready'**: Pioneer Plasma TVs process and accurately display high definition signals from HDTV broadcasting and HD package media like Blue-ray discs, high definition DVD discs and high definition digital camcorder footage.

Tune into digital developments: With Pioneer's **Digital Multimedia Receiver** — including a built-in digital and analogue tuner — you'll have full access to free-to-view digital terrestrial TV and digital radio stations or even pay-to-view channels, by using a Conditional Access Module. Enjoy a wide range of entertainment, music and other programmes with the highest possible image and sound quality — including Dolby Digital broadcasting (where available).

Professionally customised calibration: With **ISF C³** (Custom Calibration Configuration), your plasma panel can be optimised for your specific environment. Via an optional service, an ISF professional can precisely calibrate your plasma panel with customised levels of contrast, tint, colour level and other parameters. Two settings are then created to match your actual viewing and lighting conditions: one for bright daytime and one for evening.

Next generation viewing today: Take full advantage of the **NexTView EPG** service provided by analogue terrestrial broadcast. Plan your watching week by browsing through the 7-day advance on-screen TV programme list. Decide what to view live and what to record with the REC timer (in combination with NexTView EPG-compliant recording devices).

A future where image and sound quality come first: Pioneer's Pure Digital Home Theatre.

DV-989AVi-S

S-V1EX-QL

PDP-506XDE

With one-cable HDMI and i.LINK digital connections, audio and video signal data is transferred directly from the source — an audio/video disc — to the A/V receiver, and on to the Plasma TV. A fully digital, uncompressed signal transfer guarantees utmost sound and image purity.

Digital networking has revolutionised the home entertainment arena ... Now Pioneer revolutionises home entertainment with its **Pure Digital Home Theatre** — a selection of advanced audio and video components for best-in-class full digital entertainment.

VSX-AX4AVi-S

DVR-930H-S

Freeze live TV with Chase Play.

Now you can experience the ultimate in viewing pleasure & recording convenience! The special combination of your Plasma TV and **'Chase Play'** – available on Pioneer's (HDD) DVD recorders and systems, means you can freeze live TV and resume watching it later from the exact point you paused the action. Simply set a programme to record, leave, pop back and watch the programme from the beginning. You can catch up with the real-time event by fast-forwarding and skipping through ad breaks, while the programme is still recording, uninterrupted. TV enjoyment like never before.

HDMI™ HIGH DEFINITION MULTIMEDIA INTERFACE

The HDMI (High Definition Multimedia Interface) single-cable digital interface transfers all digital signals — video and even multi-channel audio — directly from source to display or A/V receiver. There are no conversions or compressions, so the signal remains untouched. That means no noise, no distortion, true to the original source.

i™

The i.LINK interface is the very best connection to transfer digital audio between an A/V receiver and DVD player or DVD recorder. You get untainted audio clarity without noise or distortion, because the signal remains in the digital domain at all times. Due to the optimised signal transfer speed, i.LINK is ideal for high-resolution multi-channel audio formats, like SACD and DVD-Audio. Stereo audio formats are also reproduced as they were originally intended. Only one cable is needed for this high-fidelity audio experience.

Striking at first glance: the sleek design and glossy black frame.
Eye-catching at second glance: the lateral panel, framed in matt aluminium.
A distinctive design, reduced to the essentials and timelessly elegant. In line with any home décor.

Digital Video.
Connect your camcorder and watch your home movies come to life.

The many faces of plasma

Picture-in-Picture (PiP).
This is multitasking at its finest. View two different sources at once — TV and another source of your choice: one image appears in the main view and the other in a smaller inset image.

HOME GALLERY

Home Gallery (JPEG PictureViewer).
Bring art to life. With the memory card slot on the multimedia receiver, your plasma panel is the perfect canvas to display artistic talents: your own digital photography or a fine art selection from Pioneer's Home Gallery software.

Gaming.
Spine-tingling action is yours for the taking. With high-resolution images and intense sound, you can enjoy games with larger-than-life realism.

PC Input.
Work need never be a chore again. Hook up your PC or Mac to surf the Web or make a presentation — and see every detail in clear, vibrant XGA resolution.

Pioneer's Plasma panel is more than just a superb TV. Versatile in the extreme, it opens up a new world of entertainment for the whole family.
No matter what source you opt for, every image is vibrant and clear. Presentations are sharper, games more lively, even home movies have an air of true professionalism.

And it's all so easy to achieve with simple, state-of-the-art connectivity options.
High-class multimedia with first-rate multifunctionality. Pioneer puts the future at your fingertips.

Dual Screen (PaP).
Forget zapping and source switching. With the multi-screen options, you can view more than one image at a time — even from such varying sources as DVD discs and digital TV broadcasting.

Plasma Panels & Multimedia Receivers

109 cm
43″

PURE Vision Black
PDP-436PE Plasma TV
Dimensions (W x H x D): 1,076 x 632 x 92 mm

HD ready

127 cm
50″

PURE Vision Black
PDP-506PE Plasma TV
Dimensions (W x H x D): 1,224 x 717 x 92 mm

HD ready

PDP-R06XE Multimedia Receiver

PDP-R06FE Multimedia Receiver

Choose the Plasma TV size (43″ or 50″) and multimedia receiver that suits your lifestyle.
Or appreciate the majestic grace of the PDP-615EX, an ultra-large 61-inch display.
Let it transform your world.

PDP-615EX Plasma Panel
Dimensions (W x H x D): 1,502 x 912 x 126 mm

Multimedia Receivers

	PDP-R06XE	PDP-R06FE
Digital Tuner (DVB-T Compliant)	•	—
Analogue Tuner	•	•
EPG for Digital Terrestrial TV	•	—
EPG for Analogue TV (NexTView)	•	—
Home Gallery (JPEG PictureViewer)	•	—
PC Input	•	—
Multi-Screen Modes (PiP/PaP)	•	—
HDMI	2	1
Subwoofer Out	•	—
Headphone Out	•	—
SR+	•	—

Packages

	PDP-R06XE	PDP-R06FE
PDP-436PE (43″/109 cm)	PDP-436XDE	PDP-436FDE
PDP-506PE (50″/127 cm)	PDP-506XDE	PDP-506FDE
PDP-615EX (61″/155 cm)	—	—

Speakers

An outstanding TV experience requires more than just premium images, it also demands high-quality sound. With Pioneer Plasma TV, you can enjoy fully expanded surround sound with superior quality.

Side-mounted Speakers

PDP-S37
(for 43″ only)

PDP-S38
(for 50″ only)

Flush-mount

Air-mount

Under-mounted Speaker

PDP-S39
(for 43″ only)

Speakers: Dimensions (W x H x D)

PDP-S37	76.5 X 632 X 92 mm
PDP-S38	76.5 X 717 X 92 mm
PDP-S39	1,076 X 83 X 92 mm

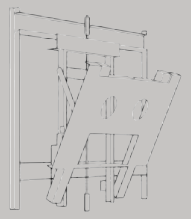
Wall Brackets

Display your plasma to its best advantage: wall-mount it with a wall bracket. Ideal for a sleek and smooth appearance.

Wall Brackets

PDK-WT02*
(for 43″ and 50″ only)

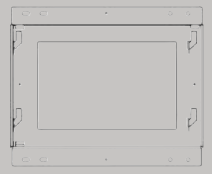
Angled Wall Bracket



Dimensions (W x H x D):
740 x 573 x 67 mm

PDK-WM02
(for 43″ and 50″ only)

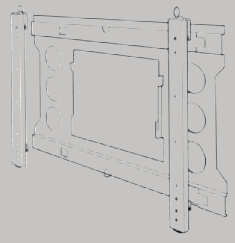
Wall Bracket



Dimensions (W x H x D):
576 x 475 x 32 mm

PDK-WM03
(for 61″ only)

Wall Bracket



Dimensions (W x H x D):
950 x 646.2 x 45 mm

* With under-mounted speakers, the angle options are limited.

Stands

Complement the design of the plasma: display it on a table top or floor stand.
An eye-catching centrepiece for your room.

Table Top Stand

PDK-1014
(for 61″ only)

Swivel Table Top Stand

PDK-TS12
(for 43″ and 50″ only)

Table Top Stand

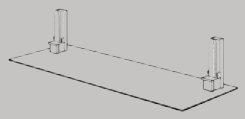
PDK-TS10
(for 43″ and 50″ only)

Solid Floor Stand

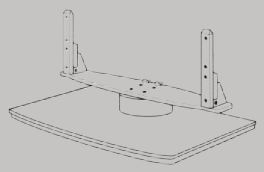
PDK-FS06
(for 43″ and 50″ only)

Floating Floor Stand

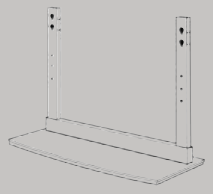
PDK-FS05
(for 43″ and 50″ only)



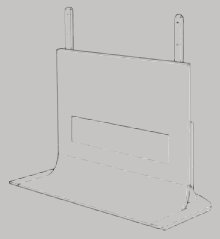
Dimensions (W x H x D):
1,000 x 221.6 x 470 mm



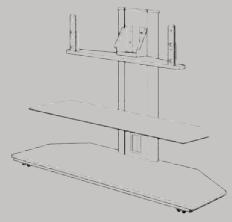
Dimensions (W x H x D):
577 x 249.5 x 380 mm



Dimensions (W x H x D):
566 x 491 x 325 mm



Dimensions (W x H x D):
701 x 784 x 476 mm



Dimensions (W x H x D):
960 x 760 x 478 mm

Panels with Speakers: Dimensions (max. W x H x D)

	Stand PDK-TS12	Stand PDK-TS10	Stand PDK-FS06	Stand PDK-FS05
PDP-506PE with PDP-S38 (air/flush-mount)	1,407/1,379 x 791 x 380 mm	1,407/1,379 x 798 x 325 mm	1,407/1,379 x 1,249 x 567 mm	1,407/1,379 x 1,308 x 478 mm
PDP-436PE with PDP-S37 (air/flush-mount)	1,259/1,231 x 706 x 380 mm	1,259/1,231 x 713 x 325 mm	1,259/1,231 x 1,164 x 567 mm	1,259/1,231 x 1,223 x 478 mm
PDP-436PE with PDP-S39	1,076 x 768 x 380 mm	1,076 x 756 x 325 mm	1,076 x 1,240 x 567 mm	1,076 x 1,286 x 478 mm

Product Features & Specifications (Page 1)

	PDP-615EX	PDP-506XDE	PDP-436XDE
PICTURE			
Diagonal Screen Size	61-inch/155 cm	50-inch/127 cm	43-inch/109 cm
HD ready	—	•	•
XGA Panel	•	•	•
Aspect Ratio	16:9	16:9	16:9
Number of Pixels	1,365 (Hor) x 768 (Ver)	1,280 (Hor) x 768 (Ver)	1,024 (Hor) x 768 (Ver)
Brightness	570 cd/m²	1,100 cd/m²	1,100 cd/m²
Contrast Ratio	870:1	4,000:1	3,000:1
Video Signals	PAL/SECAM/NTSC 3.58/NTSC 4.43/PAL60	PAL/SECAM/NTSC3.58/NTSC4.43/PAL60/HD/PC	PAL/SECAM/NTSC3.58/NTSC4.43/PAL60/HD/PC
PC Signals	VGA/SVGA/XGA/SXGA/UXGA/W-XGA/W-SXGA/W-UXGA	VGA/SVGA/XGA/Wide XGA	VGA/SVGA/XGA/Wide XGA
Home Gallery (JPEG PictureViewer)	—	•	•
Dual Screen Mode (PaP)	•	•	•
Picture-in-Picture Mode (PiP)	•	•	•
Still Picture Mode	—	•	•
AV Selection	•	•	•
ISF C³ Ready	•	•	•
PUREBLACK Panel	—	•	•
PUREBLACK Crystal Layer	—	•	•
Direct Colour Filter	—	•	•
Deep Waffle Rib Structure	•	•	•
PURE Drive 2HD	—	•	•
Colour Temperature Adjustment	•	•	•
Colour Management	•	•	•
Digital Colour Transient Improvement (CTI)	—	•	•
Digital Noise Reduction	•	•	•
MPEG Noise Reduction	—	•	•
Analogue Tuner Noise Reduction	—	•	•
PAL 3D Y/C Separation	—	•	•
Active Dynamic Range Expander (DRE)	—	•	•
Natural Enhancer	—	•	•
i-CLEAR Drive	—	•	•
Dynamic HD Converter	—	•	•
Digital Flicker-Free	—	•	•
PureCinema	•	•	•
SOUND			
Audio Output Power	9 W + 9 W (6 Ω)	13 W + 13 W (1 kHz, 10 %, 8 Ω)	13 W + 13 W (1 kHz, 10 %, 8 Ω)
Tone Control (Bass, Treble, Balance)	•	•	•
Surround (SRS*)	—	•	•
Audio Orientation (FOCUS*)	—	•	•
Bass Boost (TruBass*)	—	•	•
DIGITAL TUNER**			
DVB-T compliant	—	•	•
Modulation	—	COFDM (2k/8k)	COFDM (2k/8k)
Video Decoding	—	MPEG2 MP@ML	MPEG2 MP@ML
Preset Channels	—	999	999
Teletext (MHEG5)	—	•	•
Electronic Programme Guide (EPG)***	—	•	•

* SRS WOW, SRS, SRS FOCUS, SRS TruBass, SRS and (o) symbol are trademarks of SRS Labs, Inc.

** The compatibility of this product with digital terrestrial services has been fixed — details described in the product specifications — at the time of its introduction. Reception may depend on the type and condition of the existing aerial. Aerial upgrade may be required.

*** Availability depends on the user's country of residence.

PDP-506FDE	PDP-436FDE
50-inch/127 cm	43-inch/109 cm
•	•
•	•
16:9	16:9
1,280 (Hor) x 768 (Ver)	1,024 (Hor) x 768 (Ver)
1,100 cd/m²	1,100 cd/m²
4,000:1	3,000:1
PAL/SECAM/NTSC3.58/NTSC4.43/PAL60/HD	PAL/SECAM/NTSC3.58/NTSC4.43/PAL60/HD
—	—
—	—
—	—
—	—
•	•
•	•
•	•
•	•
•	•
•	•
•	•
•	•
•	•
•	•
•	•
•	•
•	•
•	•
•	•
•	•
•	•
13 W + 13 W (1 kHz, 10 %, 8 Ω)	13 W + 13 W (1 kHz, 10 %, 8 Ω)
•	•
•	•
•	•
•	•
—	—
—	—
—	—
—	—
—	—
—	—

Recording equipment and copyright: Recording equipment should be used only for lawful copying, and you are advised to check carefully what is lawful copying in the country in which you are making a copy. Copy of copyright material such as films or music is unlawful unless permitted by a legal exception or consented to by the rightowners

Product Features & Specifications (Page 2)

		PDP-615EX	PDP-506XDE	PDP-436XDE
ANALOGUE TUNER				
Auto Channel Preset		—	•	•
Reception System		—	(PAL B/G, I, DK — SECAM B/G, DK, L, L')	(PAL B/G, I, DK — SECAM B/G, DK, L, L')
Preset Channels		—	99	99
Teletext (CEEFAX/FLOF/TOP)		—	•	•
Picture and Text (Dual Screen)		—	•	•
Electronic Programme Guide (NexTView EPG)*		—	•	•
		—		
CONTROL				
On-Screen Display Information (OSD)		(GB/D/F/I/E/S/RUS)	(GB/D/F/NL/I/E/P/S/FIN/GR/TR/RUS/NO/DK)	(GB/D/F/NL/I/E/P/S/FIN/GR/TR/RUS/NO/DK)
Remote Control		•	Preset (TV/VCR/STB/DVD/DVR)	Preset (TV/VCR/STB/DVD/DVR)
Other AV Equipment Connectivity (i/o Link.A)		—	•	•
Other AV Equipment Operation (SR+)		—	•	•
Energy Save Mode		•	•	•
Power Management (for PC)		•	•	•
CONNECTION TERMINALS				
HDMI		1	2	2
Component Video In		1	1	1
S-Video In (Front AV)		1	1	1
RCA AV In (Front AV)		1	1	1
BNC In (Composite/Component or RGB)		1/1**	—	—
Euro-SCART		—	3	3
Digital Optical Audio Out		—	1	1
RCA Audio Out		—	1	1
PC Input (Front)		1	1	1
Headphone Out (Front)		—	1	1
Subwoofer Out (Variable)		—	1	1
PC Card Slot		—	1	1
Common Interface Slot (CA Card)		—	1	1
SR Control		—	2	2
i/o link.A Select		—	1	1
Antenna Terminal Digital Tuner		—	2	2
Antenna Terminal Analogue Tuner		—	1	1
GENERAL				
Dimensions (W x H x D)	Panel	1,502 x 912 x 126 mm	1,224 x 717 x 92 mm	1,076 x 632 x 92 mm
	Multimedia Receiver	—	420 x 90 x 299 mm	420 x 90 x 299 mm
Weight	Panel	68.0 kg	31.8 kg	25.8 kg
	Multimedia Receiver	—	4.3 kg	4.3 kg
Power Consumption	Panel (in use/standby)	540 W / 1.3 W	344 W / 0.4 W	292 W / 0.4 W
	Multimedia Receiver (in use/standby)	—	25 W / 0.7 W (antenna off)	25 W / 0.7 W (antenna off)
Power Requirements		AC 220 — 240 V, 50/60 Hz	AC 220 — 240 V, 50/60 Hz	AC 220 — 240 V, 50/60 Hz

Pioneer plasma display panels are manufactured using a high level of ultra-precision technology. Nevertheless, permanently lit, inactive or overactive pixels may occur. This is a consequence of plasma technology. Plasma display systems, while in use, may generate functional noise.

* Availability depends on the user's country of residence.

** Common with component video and RGB video input that are selectable in main menu.

'Dolby' is a registered trademark of Dolby Laboratories. The i.LINK interface is also known as IEEE1394. "i.LINK" and the "i.LINK" logo are trademarks. DVD Logo is a trademark of DVD Format/Logo Licensing Corporation. The 'HD ready' logo is a trademark of EICTA. All other trademarks are the property of their respective companies.

The digital switchover logo is a Certification Mark.
www.digitaltelevision.gov.uk

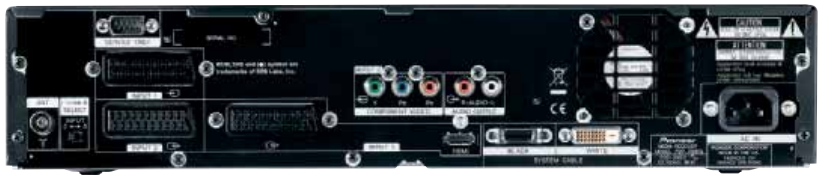
PDP-506FDE	PDP-436FDE
•	•
(PAL B/G, I, DK — SECAM B/G, DK, L, L')	(PAL B/G, I, DK — SECAM B/G, DK, L, L')
99	99
•	•
•	•
—	—
(GB/D/F/NL/I/E/P/S/FIN/GR/TR/RUS/NO/DK)	(GB/D/F/NL/I/E/P/S/FIN/GR/TR/RUS/NO/DK)
•	•
•	•
—	—
•	•
—	—
1	1
1	1
1	1
1	1
—	—
3	3
—	—
1	1
—	—
—	—
—	—
—	—
—	—
—	—
1	1
—	—
1	1
1,224 x 717 x 92 mm	1,076 x 632 x 92 mm
420 x 90 x 299 mm	420 x 90 x 299 mm
31.8 kg	25.8 kg
3.5 kg	3.5 kg
344 W / 0.4 W	292 W / 0.4 W
16 W / 0.4 W	16 W / 0.4 W
AC 220 — 240 V, 50/60 Hz	AC 220 — 240 V, 50/60 Hz

Features and specifications of the products described or illustrated in this catalogue are correct at the time of printing but could change as production changes might occur. This catalogue may contain typographical errors and the colours of the depicted products may deviate slightly from reality. Consult your Pioneer dealer to ensure that actual features and specifications match your requirements. This catalogue may contain references to products that may or will not be available in your country.

Printed in Belgium. As a part of Pioneer's commitment to a cleaner environment and the protection of the earth, this catalogue has been printed on chlorine-free paper.

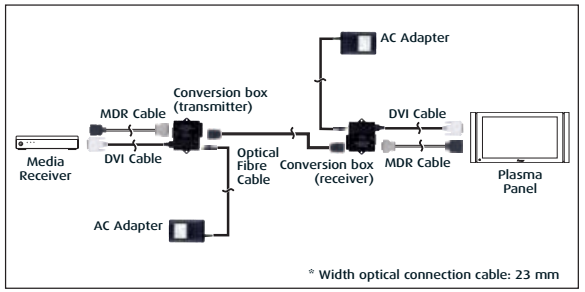
PDP-R06XE

PDP-R06FE



Conventional Long System Cable (10 m) PDA-H03

Optical Long System Cable Connection example (30 m) PDA-H05



Pioneer sound.vision.soul

Pioneer World

Surround yourself with limitless possibilities.

www.pioneer.co.uk

DVD Recorder

In-Car AV/Navigation

DJ Products

Computer Hardware

PURE vision BLACK

EISA BEST PRODUCT 2005-2006 PLASMA TV

GREAT BRITAIN: PIONEER GB Limited
Tel.: +44 (0)1753 789 789

IRELAND: AUDIO VISION IMPORT LTD
Tel.: +353 12 405 600

ICELAND: BRÆDURNIR ORMSSON HF
Tel.: +354 5 532 800

MILITARY: PIONEER ELECTRONICS DEUTSCHLAND GmbH
Tel.: +49 (0)2154 91 30

MALTA: DORELL TRADING LIMITED
Tel.: +356 21 333 861

LATVIA: BALTIC MULTI MEDIA SIA
Tel.: +371 7 610 111

ESTONIA: ULKOKAUPAT EESTI AS
Tel.: +372 6 033 990

SLOVENIA: PRIMALINE D.O.O.
Tel.: +386 15 103 140

BULGARIA: GLOBAL ELECTRONICS PLC.
Tel.: +359 32 622 498
Tel.: +359 32 623 057

CROATIA: HELIKOP d.o.o.
Tel.: +385 12 314 555

SERBIA & MONTENEGRO: ITM
Tel.: +381 113 107 400

MACEDONIA: MAKPETROL A.D. SKOPJE
Tel.: +389 23 112 144

BOSNIA I HERCEGOVINA:
MEDIA FORUM d.o.o.
Tel.: +387 36 650 488

ROMANIA: SUN AUDIO ELECTRONICS SRL
Tel.: +402 12 221 428

PUBLISHED BY: Pioneer Europe N.V.
Haven 1087, Keetberglaan 1, B-9120 Melsele
Tel: + 32 (0)3 570 05 11
www.pioneer-eur.com
Copyright 2005 by Pioneer Europe N.V.
All rights reserved.

www.pioneer-eur.com

Your local Pioneer shop

ISO 14001 JACO UKAS ENVIRONMENTAL MANAGEMENT 051

CE00J0310
CE99J2007

The Pioneer Corporation headquarter at Meguro and Tokorozawa plant have received ISO14001 certification.

05-P-BROCHURE-EN